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RAW SEQUENCE LISTING PATENT APPLICATION US/09/472,688

DATE: 01/14/2000
TIME: 13:13:29

Input Set: I472688.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

1 <110> Shimkets, Richard A.
2 Leach, Martin D.
3 <120> cSingle Nucleotide Polymorphisms for Known Genes
4 <130> 15966-534-CIP1
5 <140> US/09/472,688
6 <141> 1999-12-27
7 <160> 880
8 <170> CuraGen Patent Formatter Version 0.9

ERRORED SEQUENCES FOLLOW

9 <210> 668
10 <211> 14
11 <212> PRT
12 <213> Homo sapiens
13 <220>
14 <221> VARIANT
15 <222> (7)...(0)
16 <223> cSNP translation
17 <400> 668
E--> 18 Cys End Ala Gln Ser Val Ile Ser Cys Pro End Ala Pro Gln
19 1 5 10

*delete - invalid for use in sequence.
If there imply internal terminator
symbols, present as separate amino acid
sequence (see 1.822(d)(5))*

20 <210> 769
21 <211> 14
22 <212> PRT
23 <213> Homo sapiens
24 <220>
25 <221> VARIANT
26 <222> (7)...(0)
27 <223> cSNP translation
28 <400> 769
E--> 29 Gln Ser Val Val Ser Cys Ala End Ala Pro Gln Ser Gly Leu
30 1 5 10

Same error

31 <210> 776
32 <211> 14
33 <212> PRT
34 <213> Homo sapiens
35 <220>
36 <221> VARIANT
37 <222> (7)...(0)

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38 <223> cSNP translation
 39 <400> 776
 E--> 40 Glu End Ala Met Ser Trp Phe Leu Phe Leu Ala His Arg Val
 41 1 5 10

42 <210> 850
 43 <211> 14
 44 <212> PRT
 45 <213> Homo sapiens
 46 <220>
 47 <221> VARIANT
 48 <222> (7)...(0)
 49 <223> cSNP translation
 50 <400> 850
 E--> 51 Phe Phe Lys Arg Asn Arg His Thr Pro Gly Arg Arg End End
 52 1 5 10

53 <210> 851
 54 <211> 9
 55 <212> PRT
 56 <213> Homo sapiens
 57 <220>
 58 <221> VARIANT
 59 <222> (7)...(0)
 60 <223> cSNP translation
 61 <400> 851
 E--> 62 Thr Ile Gln Pro Pro Arg Glu End Leu
 63 1 5

64 <210> 853
 65 <211> 14
 66 <212> PRT
 67 <213> Homo sapiens
 68 <220>
 69 <221> VARIANT
 70 <222> (8)...(0)
 71 <223> cSNP translation
 72 <400> 853
 E--> 73 Gly Gly Lys Met Gly Gly Arg Lys Arg Leu Gln Lys End Ser
 74 1 5 10

75 <210> 859
 76 <211> 14
 77 <212> PRT
 78 <213> Homo sapiens
 79 <220>
 80 <221> VARIANT
 81 <222> (7)...(0)
 82 <223> cSNP translation
 83 <400> 859

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RAW SEQUENCE LISTING
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Input Set: I472688.RAW

E--> 84 Thr Asp Phe Phe Phe Phe End Thr Lys Lys Ala Leu End Leu
 85 1 5 10

86 <210> 860
 87 <211> 14
 88 <212> PRT
 89 <213> Homo sapiens
 90 <220>
 91 <221> VARIANT
 92 <222> (8)...(0)
 93 <223> cSNP translation
 94 <400> 860

E--> 95 Gly Ala Gly Ser Val Ser Asp His His Ser Ile Thr Lys End
 96 1 5 10

97 <210> 866
 98 <211> 14
 99 <212> PRT
 100 <213> Homo sapiens
 101 <220>
 102 <221> VARIANT
 103 <222> (7)...(0)
 104 <223> cSNP translation
 105 <400> 866

E--> 106 Asn Phe Ile Leu Ala Cys Pro Arg End Arg Asn Gly Gly Ile
 107 1 5 10

108 <210> 867
 109 <211> 14
 110 <212> PRT
 111 <213> Homo sapiens
 112 <220>
 113 <221> VARIANT
 114 <222> (7)...(0)
 115 <223> cSNP translation
 116 <400> 867

E--> 117 Arg Glu Lys Leu Arg Asn Phe His Phe Ser Met Ser Arg End
 118 1 5 10

119 <210> 869
 120 <211> 14
 121 <212> PRT
 122 <213> Homo sapiens
 123 <220>
 124 <221> VARIANT
 125 <222> (7)...(0)
 126 <223> cSNP translation
 127 <400> 869

E--> 128 Lys Arg Val Ala Gly Gly Leu Arg End Ser Ser Ser Ala Trp
 129 1 5 10

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RAW SEQUENCE LISTING
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Input Set: I472688.RAW

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130 <210> 870
131 <211> 14
132 <212> PRT
133 <213> Homo sapiens
134 <220>
135 <221> VARIANT
136 <222> (8)...(0)
137 <223> cSNP translation
138 <400> 870
E--> 139 Gly Lys Arg Val Ala Gly Gly Leu Arg End Ser Ser Ser Ala
140 1 5 10

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141 <210> 872
142 <211> 14
143 <212> PRT
144 <213> Homo sapiens
145 <220>
146 <221> VARIANT
147 <222> (8)...(0)
148 <223> cSNP translation
149 <400> 872
E--> 150 Gln Arg Ser Ile Ser Ala Asp End End Pro Ala Arg Val Ile
151 1 5 10

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E--> 152 <210> 880
E--> 153 <211> 14
154 <212> PRT
155 <213> Homo sapiens
156 <220>
157 <221> VARIANT
158 <222> (7)...(0)
159 <223> cSNP translation
160 <400> 880
161 Cys Lys Cys Ser Arg Lys Asp Pro Arg Ser Ala Thr Ala Thr
162 1 5 10
E--> 163 15
E--> 164
E--> 165 TRADOCS:1270785.1(R8JL011.DOC)
E--> 166
E--> 167 A:\CURA-534C CIP1 Sequence

```

delete at end of file

Please review the
 Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
 <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I472688.RAW

Line	? Error/Warning	Original Text
18	E Wrong Amino Acid Designator	Cys End Ala Gln Ser Val Ile Ser Cys Pro E
18	E Wrong Amino Acid Designator	Cys End Ala Gln Ser Val Ile Ser Cys Pro E
29	E Wrong Amino Acid Designator	Gln Ser Val Val Ser Cys Ala End Ala Pro G
40	E Wrong Amino Acid Designator	Glu End Ala Met Ser Trp Phe Leu Phe Leu A
51	E Wrong Amino Acid Designator	Phe Phe Lys Arg Asn Arg His Thr Pro Gly A
51	E Wrong Amino Acid Designator	Phe Phe Lys Arg Asn Arg His Thr Pro Gly A
62	E Wrong Amino Acid Designator	Thr Ile Gln Pro Pro Arg Glu End Leu
73	E Wrong Amino Acid Designator	Gly Gly Lys Met Gly Gly Arg Lys Arg Leu G
84	E Wrong Amino Acid Designator	Thr Asp Phe Phe Phe Phe End Thr Lys Lys A
84	E Wrong Amino Acid Designator	Thr Asp Phe Phe Phe Phe End Thr Lys Lys A
95	E Wrong Amino Acid Designator	Gly Ala Gly Ser Val Ser Asp His His Ser I
106	E Wrong Amino Acid Designator	Asn Phe Ile Leu Ala Cys Pro Arg End Arg A
117	E Wrong Amino Acid Designator	Arg Glu Lys Leu Arg Asn Phe His Phe Ser M
128	E Wrong Amino Acid Designator	Lys Arg Val Ala Gly Gly Leu Arg End Ser S
139	E Wrong Amino Acid Designator	Gly Lys Arg Val Ala Gly Gly Leu Arg End S
150	E Wrong Amino Acid Designator	Gln Arg Ser Ile Ser Ala Asp End End Pro A
150	E Wrong Amino Acid Designator	Gln Arg Ser Ile Ser Ala Asp End End Pro A
153	E Input 14, Calc Seq.Length 19 differ	<211> 14
163	E Wrong Amino Acid Designator	15
164	E Invalid/Missing Amino Acid Numbering	
165	E Wrong Amino Acid Designator	TRADOCS:1270785.1(R8JL01!.DOC)
166	E Invalid/Missing Amino Acid Numbering	
167	E Wrong Amino Acid Designator	A:\CURA-534C CIP1 Sequence Listing.txt
167	E Wrong Amino Acid Designator	A:\CURA-534C CIP1 Sequence Listing.txt
167	E Wrong Amino Acid Designator	A:\CURA-534C CIP1 Sequence Listing.txt
167	E Wrong Amino Acid Designator	A:\CURA-534C CIP1 Sequence Listing.txt



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Legal Date: 03-09-2000

No.	Doccode	Number of pages
1	CTMS	2

Total number of pages: 2

Remarks:

Order of re-scan issued on